10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

# Anti- PEG Antibody (Clone 26A04)

**Rat Monoclonal Antibody**

**Catalog # ABV10781**

## Specification

### Anti- PEG Antibody (Clone 26A04) - Product Information

| | |
|---|---|
| Application | **WB, E** |
| Reactivity | **All Species** |
| Host | **Rat** |
| Clonality | **Monoclonal** |
| Isotype | **IgM** |

### Anti- PEG Antibody (Clone 26A04) - Additional Information

Positive Control **3 PEG Conjugates (20 kDa, 5 kDa, 10 kDa)**

**Other Names**
Polyethylene Glycol

**Target/Specificity**
PEG

**Antibody Form**
Liquid

**Appearance**
Colorless liquid

**Formulation**
1 mg/ml in TBS, pH 9.0

**Handling**
The antibody solution should be gently mixed before use.

**Reconstitution & Storage**
-20 °C

**Background Descriptions**

**Precautions**
Anti- PEG Antibody (Clone 26A04) is for research use only and not for use in diagnostic or therapeutic procedures.

### Anti- PEG Antibody (Clone 26A04) - Protein Information

### Anti- PEG Antibody (Clone 26A04) - Protocols

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

**Anti- PEG Antibody (Clone 26A04) - Images**

**Anti- PEG Antibody (Clone 26A04) - Background**

Polyethylene Glycol (PEG) is a polymer of ethylene oxide available in size variants from 400 Da to 40 kDa. It is nonionic, nontoxic, biocompatible, strong, and hydrophilic and has a large exclusion volume in aqueous solution. PEG has a number of industrial and biomedical applications. The modification of a biopharmaceutical with PEG increases its hydrodynamic radius, reduces immunogenicity and proteolytic cleavage. In particular, therapeutic proteins are conj µgated with PEG to slow down their clearance from circulation and improve bioavailability. PEG antibodies can be a vital tool for propelling therapeutics to market by serving as a positive control anti-dr µg antibody, measuring clearance of a dr µg, or simply as a QA release confirming PEGylation.